

Building the Info-structure for Advanced Blended Learning: Lewis and Clark as Foundation for Land Power University



LEWIS & CLARK CENTER FEATURES

- **96 State-of-the Art Classrooms**
- **Two Auditoriums (2004/325)**
- **Office Space For 664 Personnel**
- **SCIF and Secure Classrooms**
- **Student Union Support**
- **1536 student capacity**

***Our physical classroom structure must be able to access virtual tools and use wireless effectively. The brick and mortar has to be a friendly place to learn. AT least as easy as home.

Lewis and Clark Classroom - Front View



Lewis and Clark Classroom Capabilities

- Reconfigurable Tables – 8 (2 students per)
- Computer
 - CACNET 4 to 8
 - BCNET 4 to 8
- 23 CACNET Computer Connections
- 22 BCNET Computer Connections
- Telephones
 - 1 Classroom Telephone
 - VOIP System on BCNET for Simulation Communications
- Instructor Workstation
- Instructor Tablet PC – Wireless to Control the Classroom
- Displays - 2 each, 65" (1VTC, 1PPT, 1 Smart Overlay)
- Cameras - 2 for VTC (Student, Instructor), 1 Document Camera in Ceiling
- Secret Computer Connections – 12 each (4th floor classrooms only)
- Printers (1 CACNET, 1 BCNET) Stacked in Corner
- Hard Wall is Tackable Plus Additional White Boards
- Partition Wall – 5 White Boards, Door Between Sister Classroom for Instructors
- Reconfigurable Table Layout
 - (Modified “U-Shape” and Small Group Configuration)
 - Raised Floor, Floor Power/Computer Connections
- Storage Cabinets in Back of Room
- Student Distribution Boxes by Classroom Door
- Student Lockers in Hallway Cross Connects
- Communications Closet Opens to Hallway/Inward Facing A/V Rack

Battle Command Network & Software

- **Classroom layout: 9 BCNet systems:**
 - **1 Instructor**
 - **8 Student systems**
 - **4 VOIP, 2 Large Screen Displays, 1 Printer**
 - **1 Plotter per floor**

Education Tools

- **Applications:**
 - Windows XP SP2
 - Office 2003:
 - Word
 - PowerPoint
 - Excel
 - Access
 - Symantec Antivirus

Battle Command

- **BC Tools:
(Planning & Execution)**
 - CPoF/MCS
 - FalconLite
 - C2PC
- **Exercise
Scenario and
Maps**

Experiential Learning

- **Simulations**
 - Decisive Action (DA)
 - TACOPSCAV
 - MCS/CPOF Overlay
- **Options available:**
 - MILSIM
- **SynchronEyes**
- **Command Post
Linkages**

What Makes Life Tough.....

- **As a .mil, we must comply with higher security requirements than a civilian institution.**
- **As Army moves to a more secure network, we see the implementation of more “enterprise” systems which limits our control and ability to respond to the college’s needs in a timely fashion .**
- **We need to enable our faculty to work with other non-military educational institutions (knowledge sharing and**